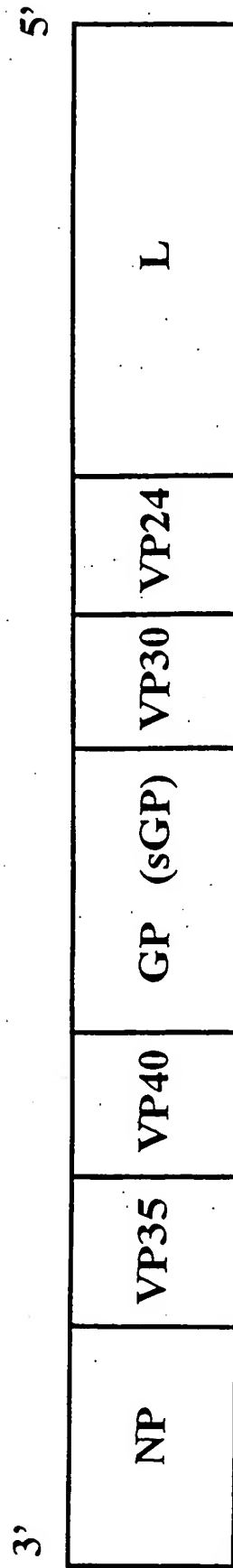


FIG. 1

Organization of the Ebola Virus Genome



- NP Major Nucleocapsid Protein
- VP35 Phosphoprotein
- VP40 Membrane-Associated Matrix Protein
- GP Transmembrane Glycoprotein
- sGP Secreted Glycoprotein
- VP30 Ribonucleoprotein Associated (Minor)
- VP24 Membrane-Associated Protein (Minor)
- L RNA-Dependent RNA Polymerase

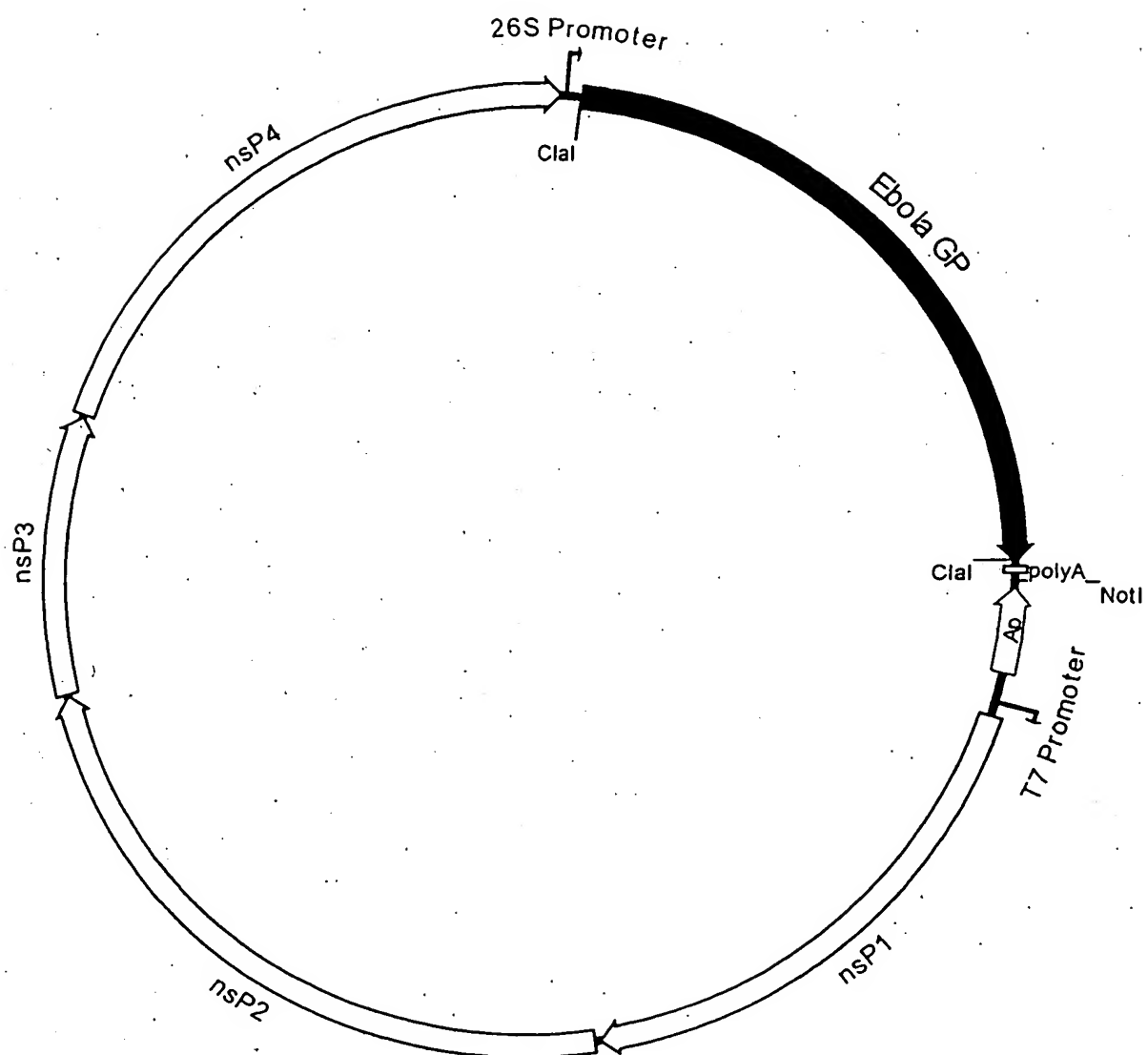


FIG. 2A

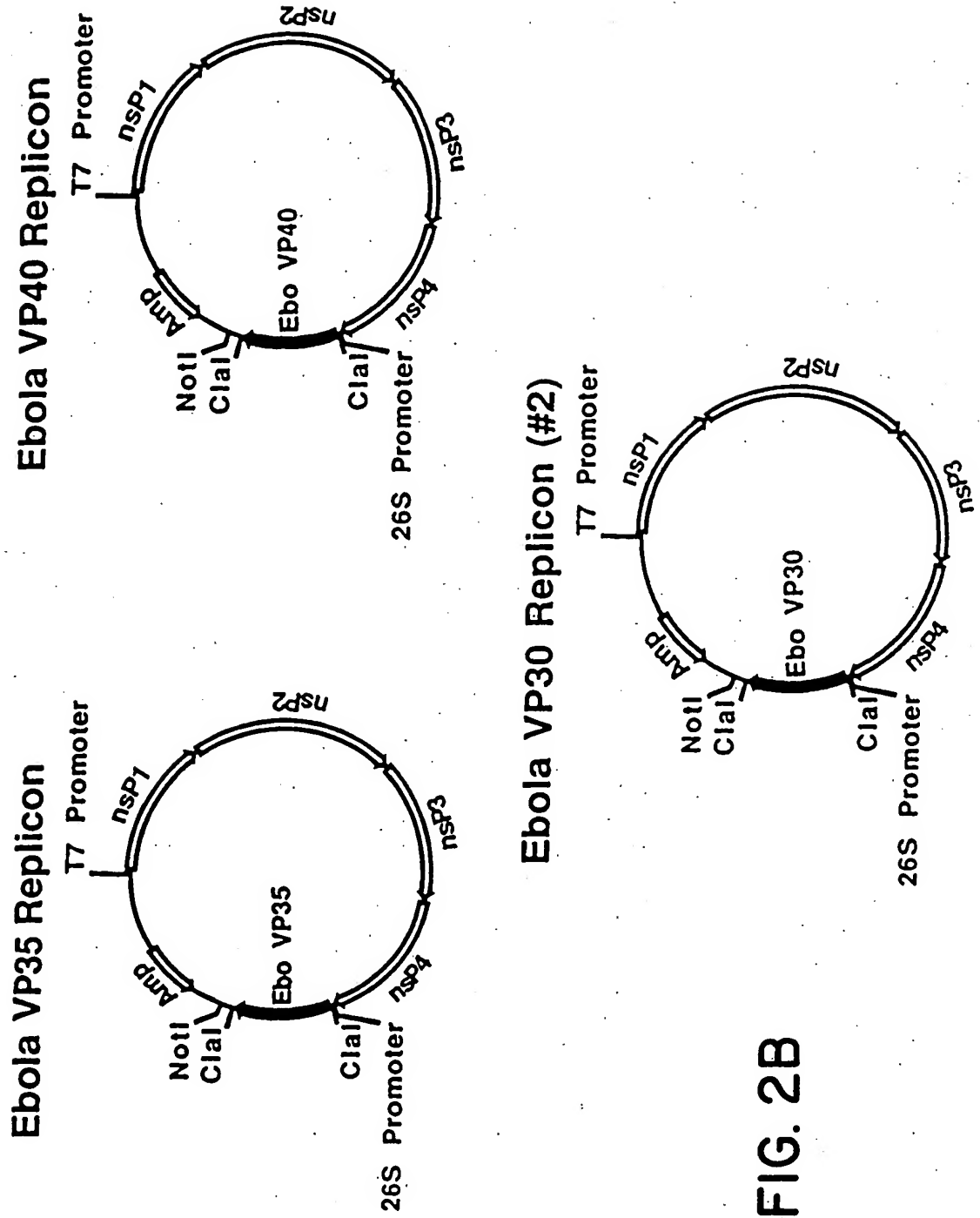


FIG. 2B

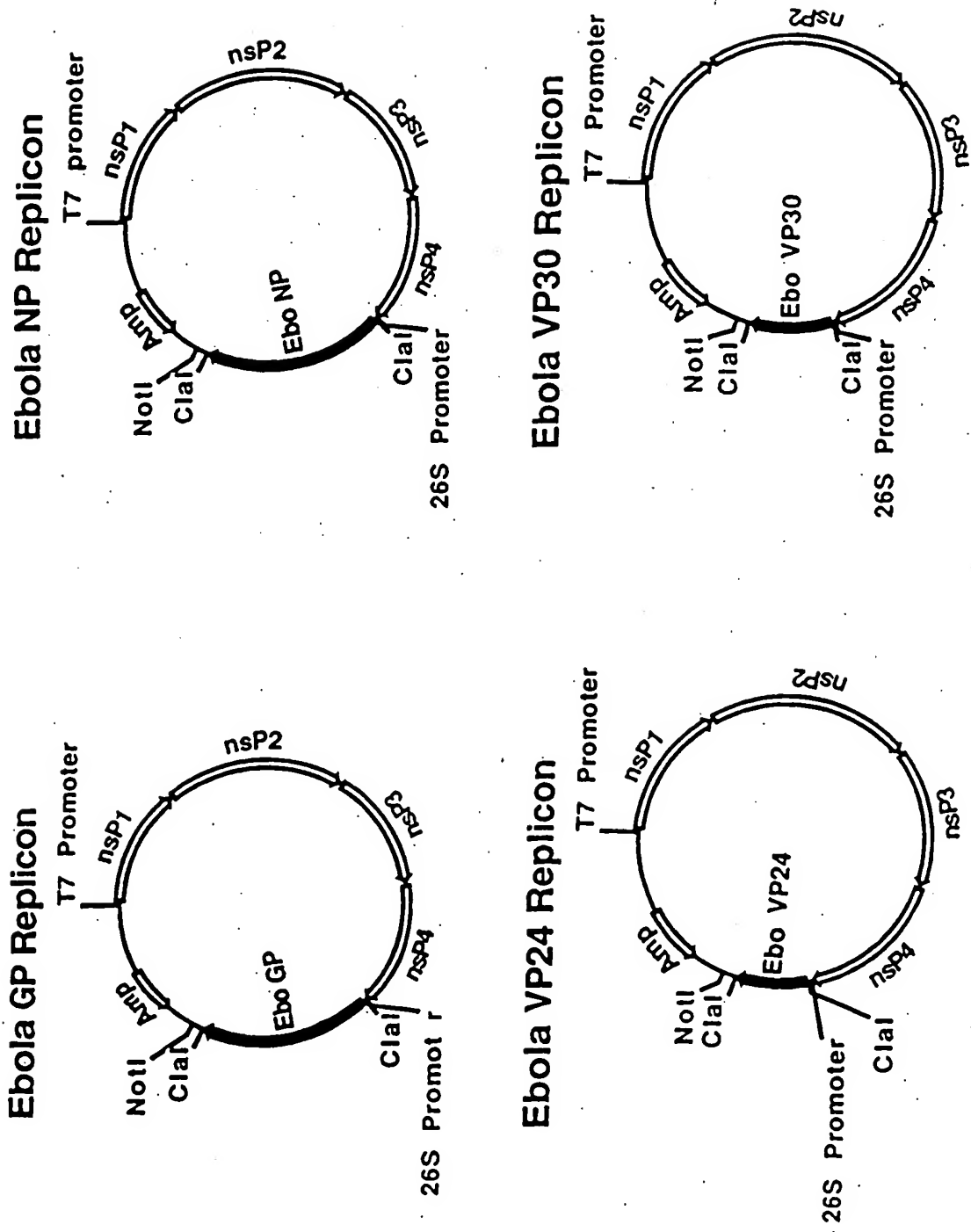
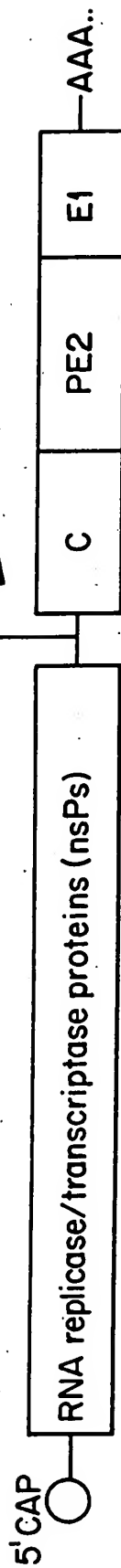
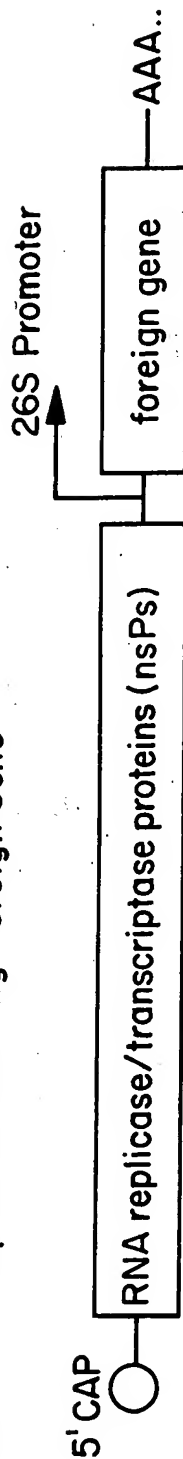


FIG. 2C

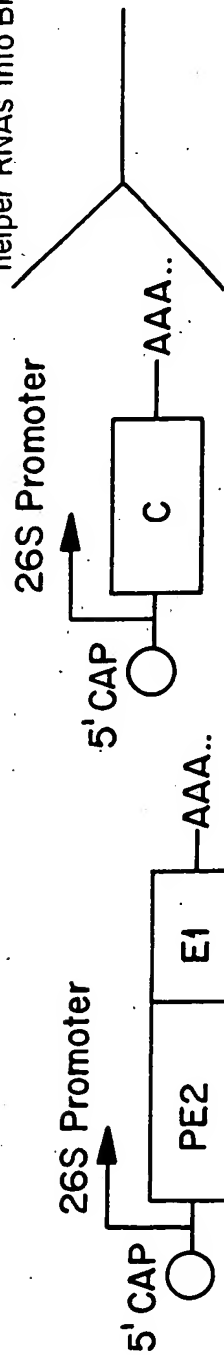
"Normal" Alphavirus Genome



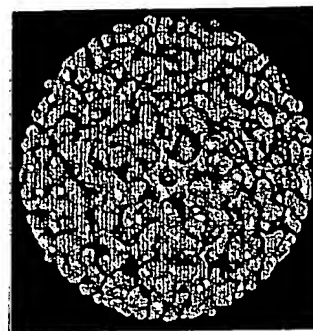
VEE Virus Replicon Containing Foreign Gene



Co-transfect Replicon and
helper RNAs into BHK cells



Helper RNAs Encoding VEE Virus Structural
Proteins which contain attenuating mutations



VEE Replicon Particle
Containing Foreign Gene

FIG. 3

Ebola Proteins Expressed from
VEE Replicons

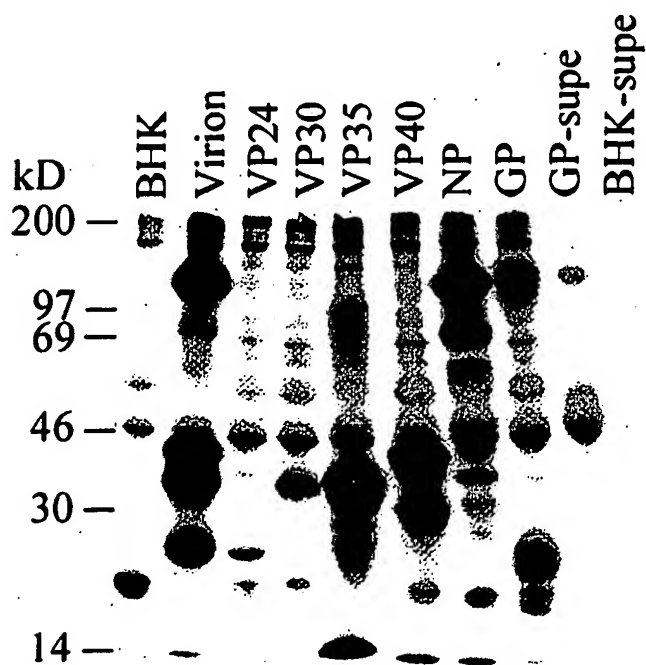


FIG. 4